

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L7	1	(bonding near web) with (hermetic\$4 near2 seal\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 17:24
L12	2622	(bonding near web)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 17:28
L13	1615	(bonding adj web)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 17:28
L14	5107	(bond\$4 adj web)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 17:28
L15	6	14 and 250/3\$.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 17:28
L16	23	(bond\$4 near web) same (hermetic\$4 near2 seal\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 17:29
L17	10	(bond\$4 adj web) same (hermetic\$4 near2 seal\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 17:29

L22	514	((ir or infrared) near2 (sensor or detect\$3 or analy\$4)) with gas\$4) and ((sensors or detectors) with (seal\$4 or airtight or hermetic \$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:09
L23	51	((ir or infrared) near2 (sensor or detect\$3 or analy\$4)) with gas\$4) and (((sensors or detectors) with (seal\$4 or airtight or hermetic \$4)) same bond\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:10
L24	9	((ir or infrared) near2 (sensor or detect\$3 or analy\$4)) with gas\$4) and (((sensors or detectors) with (seal\$4 or airtight or hermetic \$4)) same bond\$4 same filter\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:13
L25	3	(bond\$4 adj web) with hermetic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:20
L26	372	(bonding adj material) with hermetic\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:21
L27	0	22 and 26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:21
L28	0	((ir or infrared) near2 (sensor or detect\$3 or analy\$4)) with gas\$4) and 26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:21
L29	9	((ir or infrared) near2 (sensor or detect\$3 or analy\$4))) and 26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:22

L30	1	"20030154487".pn.	US-PGPUB; USPAT	OR	ON	2009/08/30 18:26
L31	142	(bonded) with hermetic \$4 and 26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:30
L32	77	(bonded) near3 hermetic\$4 and 26	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:30
L33	1	(bonded) near3 hermetic\$4 and 22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:30
L34	7	(bonded) with hermetic \$4 and 22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:30
L35	5458	(chip or wafer) with (hermetic\$4 near2 seal \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:45
L36	281	(chip or wafer) with (hermetic\$4 near2 seal \$4) with (together or (each near other))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:46
L37	5	36 and "250".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:46

L38	83	((ir or infrared) near2 (sensor or detect\$3 or analy\$4)) with gas\$4) and ((sensors or detectors) with (cavit \$4 or recess\$4 or pit or groov\$4) with (heat \$4 or thermal\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:57
L39	37	38 and "250".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:57
L40	41	22 and 38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:58
L41	6	38 and (hermetic\$4 near4 (sensor or detect \$3))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 18:58
L42	20	((ir or infrared) near2 (sensor or detect\$3 or analy\$4)) with gas\$4) same (fabry near perot)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/30 19:09
S1	1	10/528181	US-PGPUB; USPAT	OR	ON	2007/10/26 12:13
S2	9	KRUMMEL near CHRISTIAN	US-PGPUB; USPAT	OR	ON	2007/10/26 15:33
S3	3	S2 and chip	US-PGPUB; USPAT	OR	ON	2007/10/26 12:03
S4	1	("5721430").PN.	USPAT	OR	OFF	2007/10/26 12:03
S5	825	(ir or infrared) near2 gas\$3 near2 (sensor or detector)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 15:34

S6	87	S5 and ((thermopile or thermocouple) with (sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 18:06
S7	3	S6 and (fabry\$ near2 filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 15:44
S8	25	S6 and ((filter or sensor or detector) near3 (chip or substrate))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 15:45
S9	6	S8 and ((absorbing or absorption) near (film or layer or coat\$4))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 16:20
S10	4	S6 and (second near (sensor or detector)) and (second near filter)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 16:20
S11	11	("5650624").URPN.	USPAT	OR	ON	2007/10/26 16:57
S12	211	((ir or infrared) with gas\$3) same ((thermopile or thermocouple) with (sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 18:07
S13	10	S12 and (resistor same diode)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/10/26 18:07
S14	2909	(ir or infrared) near2 gas\$3 near2 (sensor or detector or analy \$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 22:58

S15	6121	((ir or infrared) near2 (sensor or detector or analy\$4)) with gas\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 22:59
S16	6702	((ir or infrared) near2 (sensor or detect\$3 or analy\$4)) with gas\$4	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 22:59
S17	43	S16 and (filter same hermetic\$4 same (thermopile or thermocouple or sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:00
S18	57	("3032655"   "3662171"   "3793525"   "3811776"   "4456919"   "4500207"   "4520265"   "4527896"   "4578762"   "4694173"   "4709150"   "4722612"   "4765752"   "4772790"   "4790324"   "4980847"   "5026992"   "5041723"   "5060508"   "5095913"   "5100479"   "5163332"   "5165796"   "5186541"   "5222389"   "5326173"   "5340986"   "5444249").PN. OR ("5721430").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/13 23:01

S19	57	("3032655"   "3662171"   "3793525"   "3811776"   "4456919"   "4500207"   "4520265"   "4527896"   "4578762"   "4694173"   "4709150"   "4722612"   "4765752"   "4772790"   "4790324"   "4980847"   "5026992"   "5041723"   "5060508"   "5095913"   "5100479"   "5163332"   "5165796"   "5186541"   "5222389"   "5326173"   "5340986"   "5444249").PN. OR ("5721430").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/13 23:01
S20	13	S18 and hermetic\$4	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/13 23:02
S21	7	S18 and (filter same hermetic\$4 same (thermopile or thermocouple or sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:02
S22	114	S16 and (filter same sealed same (thermopile or thermocouple or sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:19
S23	87	S22 not S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:19

S24	84	S23 not S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:19
S25	43	S16 and (filter with sealed with (thermopile or thermocouple or sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:20
S26	31	S25 not S17	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:20
S27	31	S26 not S18	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:20
S28	74	S17 or S25	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:33
S29	25	S28 and ((partition\$3 or isolat\$4) with (thermopile or thermocouple or sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:34
S30	6	S28 and (partition\$3 with (thermopile or thermocouple or sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2008/06/13 23:34
S31	10	KRUMMEL near CHRISTIAN	US-PGPUB; USPAT	OR	ON	2009/08/29 13:11
S32	75174	((ir or infrared or gas \$3) near2 (sensor or detector)) same (infrared or ir)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/29 13:50



S33	1219	S32 and (hermetic\$4 near2 seal\$4)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/29 13:50
S34	309	S32 and ((hermetic\$4 near2 seal\$4) with (thermopile or thermocouple or sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/29 13:51
S35	152	S34 and ((pcb or (circuit near board) or wafer or chip) with (thermopile or thermocouple or sensor or detector))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/08/29 13:52

**EAST Search History (I nterference)**

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